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Application Serial No.: 10/736,994
Attorney Docket No.: 2C03.1-332
Ciba Docket No.: CL/V-33553A/CIP/CVA
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: PAUL, Edward L., Jr.)

Serial No.: 10/736,994)

Filed: December 15, 2003)

For: "METHOD AND APPARATUS FOR
PERFORMING MICROCURRENT
STIMULATION (MSC) THERAPY")

Group Art Unit: N/A

Examiner: N/A

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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GARDNER GROFF, P.C.
Paper Mill Village, Building 23
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June 8, 2004

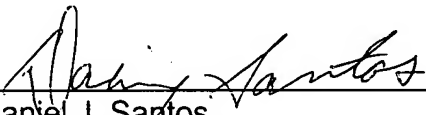
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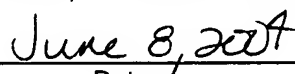
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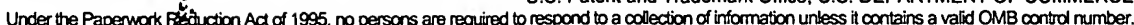
Respectfully submitted,



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Sheet 1 of 4

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Application Number	10/736,994
Filing Date	December 15, 2003
First Named Inventor	PAUL, Edward L. Jr.
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	42C03.1-332

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US-Re 35,987	12-08-1998	HARRIS et al.	
	B	US- 4,712,558	12-15-1987	KIDD et al.	
	C	US- 4,989,605	02-05-1991	ROSSEN	
	D	US- 5,109,847	05-05-1992	LISS et al.	
	E	US- 5,314,423	05-24-1994	SENEY	
	F	US- 5,324,317	06-28-1994	REISS	
	G	US- 5,397,338	03-14-1995	GREY et al.	
	H	US- 5,447,526	09-05-1995	KARSDON	
	I	US- 5,522,864	06-04-1996	WALLACE et al.	
	J	US- 5,549,656	08-27-1996	REISS	
	K	US- 5,571,150	11-05-1996	WERNICKE et al.	
	L	US- 5,611,350	03-18-1997	JOHN	
	M	US- 5,702,428	12-30-1997	TIPPEY et al.	
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	O	US- 5,800,458	09-01-1998	WINGROVE	
	P	US- 5,851,223	12-22-1998	LISS et al.	
	Q	US- 5,935,156	08-10-1999	CHANDLER et al.	
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	S	US- 6,035,236	03-07-2000	JARDING et al.	
	T	US- 6,066,163	05-23-2000	JOHN	

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STATEMENT BY APPLICANT**

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Sheet 2 of 4

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Application Number	10/736,994
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		Number - Kind Code ² (if known)			
	U	US-6,219,578 B1	04-17-2001	COLLINS et al.	
	V	US- 6,275,735 B1	08-14-2001	JARDING et al.	
	W	US- 6,393,319 B1	05-21-2002	BOCK et al.	
	X	US- 6,445,955 B1	09-03-2002	MICHELSON et al.	
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FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/736,994	
			Filing Date	December 15, 2003	
			First Named Inventor	PAUL, Edward L., Jr.	
			Art Unit	N/A	
			Examiner Name	N/A	
Sheet	3	of	4	Attorney Docket Number	2C03.1-332

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	Y	Allen et al., "Macular Degeneration Treatment with Nutrients and Micro Current Electricity," Journal of Orthomolecular Medicine, 4 th Quarter 1998, Vol. 13, No. 4.	
	Z	Michael et al., "Nutritional Supplementation, Electrical Stimulation and Age Related Macular Degeneration," Indiana School of Optometry.	
	AA	Paul May, "Adenosine Triphosphate - ATP," Bristol University	
	AB	Cheng et al., "The Effects of Electrical Currents on ATP Generation, Protein Synthesis, and Membrane Transport in Rat Skin," Clinical Orthopedics and Related Research, No. 171, Nov.-Dec. 1982, pp. 264-272.	
	AC	Fehrer et al., "Mitotropic Compounds for the Treatment of Age Related Macular Degeneration, The Metabolic Approach and a Pilot Study," Ophthalmologica 2003:217, pp. 351-357.	
	AD	Optogon Corporation, "Making Microcurrent Stimulation Available to the Victims of Macular Degeneration," http://www.optogon.com .	
	AE	Micro Stim, "Transcutaneous Electrical Nerve Stimulation System, LED (Light Emitting Diode) Electrode System," Patient and Clinician Instruction Manual, pp. 1-13.	
	AF	Carley et al., "Electrotherapy for Acceleration of Wound Healing: Low Intensity Direct Current," Arch Phys Med Rehabil, Vol. 66, Issue 7, July 1985, pp. 443-446.	
	AG	Wolcott et al., "Accelerated Healing of Skin Ulcers by Electrotherapy: Preliminary Clinical Results," Southern Medical Journal, Vol. 62, issue 7, July 1969, pp. 795-801.	
	AH	Gault et al., "Use of Low Intensity Direct Current in Management of Ischemic Skin Ulcers," Physical Therapy, Vol. 56, No. 3, March 1976, pp. 265-269.	
	AI	Ohno, T., "Experimental Studies of Influences on Healing Process of Mandibular Defect Stimulated by Microcurrent," Shikwa Gakuho, Journal of the Tokyo Dental College, Vol. 82, No. 9, Sept. 1982, pp. 1323-1353 (with English Abstract).	

Examiner Signature		Date Considered	
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			Art Unit	N/A	
			Examiner Name	N/A	
Sheet	4	of	4	Attorney Docket Number	2C03.1-332

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AJ	Sinitzyn, et al., "Effect of Electrical Microcurrents on the Regeneration Processes in Skin Wounds, "Ortopediia Travmatologija i Protezirovaniye, Vol. 1986, No. 2, Feb. 1986, pp. 25-28 (with English Abstract).	
	AK	Nessler et al., "Direct-Current Electrical Stimulation of Tendon Healing in Vitro," Clinical Orthopaedics and Related Research, No. 217, April 1987, pp. 303-312	
	AL	Owoeye et al., "Low-Intensity Pulsed Galvanic Current and the Healing of Tenotomized Rat Achilles Tendons: Preliminary Report Using Load-to Breaking Measurements, "Archives of Physical Medicine and Rehabilitation, Vol. 68, No. 7, July 1987, pp. 415-418.	
	AM	Altman, L.K., "Cell Channel Finding Earns Nobel Prize: Two Germans Found How Cells Control Their Electrical State," New York Times, Oct. 8, 1991, pp. C1, C3: Science Times Section.	
	AN	Richez, et al., "Bone Changes Due to Pulses of Direct Electrical Microcurrent," Virchows ArchivA: Pathology, Pathologische Anatomie, Vol. 357, No. 1, 1972, pp. 11-18.	
	AO	Byl et al., "Pulsed Microamperage Stimulation: A Controlled Study of Healing of Surgically Induced Wounds in Yucatan Pigs," Physical Therapy, Vol. 74, No. 3, March 1994, pp. 201-218.	
	AP	Bertolucci et al., "Clinical Comparative Study of Microcurrent Electrical Stimulation to Mid-Laser and Placebo Treatment in Degenerative Joint Disease of the Temporomandibular Joint," Journal of Craniomandibular Practice, Vol. 13, No. 2, April 1995, pp. 116-120.	
	AQ	Wing, Thomas W., M.D., "Can ELF Help Your Patients?" Chiropractic Economics, March/April 1987.	

Examiner Signature		Date Considered	
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